

● Parts of Complex Plants

Write the letter of the term or phrase that best completes each statement.

- _____ 1. Carrots and beets are _____.
 a. roots that carry on photosynthesis
 b. roots swollen with stored food
- _____ 2. Xylem and phloem tissues are located in the _____ of a leaf.
 a. spongy layer b. stomata
- _____ 3. Sugar cane has an above-ground stem that stores large quantities of _____.
 a. minerals b. food
- _____ 4. The small pores in a leaf surface are called _____.
 a. guard cells b. stomata
- _____ 5. Tubular cells that move food from leaves and stems to other parts of the plant are called _____.
 a. cambium b. phloem
- _____ 6. The cells of a leaf's _____ are packed with chloroplasts filled with chlorophyll.
 a. epidermis b. palisade layer
- _____ 7. Roots move water and _____ from the soil through the stems to the leaves.
 a. minerals b. food
- _____ 8. The thin layer of cells that covers the upper and lower surfaces of a leaf is called the _____.
 a. epidermis b. spongy layer
- _____ 9. The _____ open and close the stomata.
 a. phloem b. guard cells
- _____ 10. The trunk of a tree is actually a _____.
 a. root b. stem
- _____ 11. Oak, birch, and other trees have _____ stems.
 a. woody b. herbaceous

Label the diagram below using the following terms: xylem, phloem, and cambium.

